

# ALTRONICS

Build It Yourself Electronics Centre®

February 2016

## The ultimate camping, fishing, anything light!

Provides many hours of use from a brilliant performance lithium battery. Folds flat for easy storage in the car. Includes car and mains charger.

**\$69<sup>95</sup>**

X 0224



**A must have for every car boot!**



**NEW!**

A 1109

**\$49<sup>95</sup>**

### Add Bluetooth® streaming to any amplifier instantly!

Pairs with your phone to stream your favourite tunes to your existing audio system.. Includes 3.5mm lead. Buy P 6020 1.5m lead to hook up to RCA input on most amps (\$6). USB 5V 1A charging output.



**NEW!**

A 4200

**\$169**

### 2 x 50W Stereo Mini Amp

Power up speakers in your study or alfresco with this mini amp. Hooks up to A 1109 (see right) for instant Bluetooth music streaming from your phone. 3.5mm and RCA inputs. Class D design. Internal headphone amplifier.



X 2902 Flood  
X 2904 Spot

**SAVE \$30**  
**\$99**

### 40W Genuine CREE® LED Lamps

IP68 weatherproof vehicle lamps housed in a diecast case. 2800 lumen output. 304 grade stainless hardware with durable UV stabilised flyleads. 9-40V DC. Size: 125Wx155Hx88D mm. Sold individually.



D 2200

**NEW!**

**\$29<sup>95</sup>**

### Universal 360° Car Phone Mount With NFC

Universal design suits just about any phone up to 80mm wide. NFC function launches your favourite app when your phone is in the mount.



**JUST LANDED!**

### Stunning Performance Biema® Power Amplifiers

The latest release from Biema® with several key enhancements in cooling, efficiency and circuit protection. High power non-bridgeable design is perfect for DJs, bands, function venues using foreground sound reinforcement. 3 pin XLR and 6.35mm inputs. Speakon and binding post outputs. 2 year warranty.

A 4155 2x150W

**\$499**

A 4157 2x250W **\$585**

A 4159 2x350W **\$649**



**VALUE!** Q 1224

**\$30<sup>95</sup>**

**Time saving gadget!**

### Gas Bottle Level Detector & Torch

Keep tabs on how much gas you have left and avoid an embarrassing scene at your next BBQ! Requires 1 x 9V battery (S 4908 long life lithium \$16.95).



A 0287

**NEW!**

**\$47<sup>95</sup>**

### Lithium/NiMH Cell Charger

With 5V USB output (use charged cells as a power bank). Car & mains use. Suits AAA/AA/C NiMH & 10440 to 26650 lithium.



**\$29**

T 2480

**SAVE 25%**

**Add 250ml butane for \$7.50**

### All heat & no flame!

Iroda® Pocket thermo-gun. Great for removing adhesives & paint. 650°C max. Refillable.



**NEW!**

A 1115

**\$199**

### Add Bluetooth® audio to your favourite speakers!

Why pay for new bluetooth speakers when you can add this 2x20W RMS module to your existing speakers? Streams music direct from your phone!



T 1528A

### Wire Stripper & Kwik Crimper

Combines a ratchet wire stripper, cutting blade & kwik crimper. Saves space in the toolbox! Suits 10-24 AWG cable.

**Top Seller!**

**NEW!**

**\$32<sup>50</sup>**



M 8880

**NEW!**

**\$49<sup>95</sup>**

### 5 Way Intelligent USB Charger

Massive 7.5A output! 'Charge IQ' feature charges a connected device at the fastest speed. 110-240V - great for travel.

## Our Build It Yourself Electronics Centres...

» Virginia QLD: 1870 Sandgate Rd » Springvale VIC: 891 Princes Hwy » Auburn NSW: 15 Short St  
» Perth WA: 174 Roe St » Balcatta WA: 7/58 Erindale Rd » Cannington WA: 6/1326 Albany Hwy

Phone Order Now On...

**1300 797 007**

or shop online 24/7 at [www.altronics.com.au](http://www.altronics.com.au)

## Heavy Duty Iroda Gas Soldering Gun

Use it anywhere, no need for messy extension leads!  
Not just a soldering iron, it can also be used as a blow torch up to 1300°C for brazing and heat shrinking. Self standing.  
Includes 2 refillable gas cartridges (≈1.5hr use each) & 7mm chisel tip  
Yellow only.

**SAVE \$40**



T 2650

**\$109**

**SAVE \$35**



**Changes jaws in seconds!**

T 2178

**\$160**

## 10 Crimp Tools In One!

Virtually every crimper you'll ever need in the one kit. 10 sets of magnetic jaws to suit kwik crimps, uninsulated lugs, telephone lugs, ferules, coax crimps, D-Sub pins and RJ plugs.

**SAVE \$20**



T 2418A

## Upgrade your old clunker iron!

This excellent multi purpose 80W soldering iron is ideal for service technicians, schools, engineers, R&D, production work etc. Japanese long life ceramic element. 200°-480°C. 0.8mm tip. 2 year warranty.

**\$149**



**NEW!**

**\$19.95**

T 2356

## Spring Loaded PCB Holder

A must have for the soldering enthusiast! Great for working on boards up to 200 x 140mm in size. Rotating holders. Heavy base and rubber feet ensure a solid working surface.

## Long Term Temp & Humidity Logger

This pro-grade piece of test gear is designed for monitoring temperature and humidity levels in situ for long periods (up to 2 years battery life!). Features adjustable alarms, logging periods and Windows software for viewing measurements. -40 to +70°C.



**\$139**

Q 1268

**NEW MODEL!**



Q 1520

**SAVE \$70**

**\$229**

## UNI-T® True RMS Benchtop DMM Datalogger

Ideal for service departments & circuit development. Provides true RMS measurement & datalogging. 240V powered. 10A AC/DC. Frequency to 50MHz. Software, temperature probe, PC USB/serial leads included. 2 year warranty.

# Workbench Essentials

**Tip has inbuilt LED lamp**



## USB Powered Soldering Iron

Perfect for occasional soldering jobs with great performance. Fitted with ultrafine tip capable of temperatures up to 480°C!

T 2699

**SAVE 25%**

**\$26**



Q 1281

## Instant-Read IR Thermometer

Great for the kitchen or test bench! 0.1° accuracy from -50 to 260°C. Includes batteries.

**NEW!**

**\$28.95**



**Great for automotive wiring.**

**SAVE 14%**

**\$17**

W 0884A

## 171 Piece Heatshrink Pack

Assorted 75mm and 45mm lengths in a range of colours and diameters from 3.2 to 12.7mm. 2:1 shrink ratio.



**SAVE 26%**

**\$29**

T 5000

## Super Sturdy Tool Case

Aluminium panels with reinforced corners & seams. Locking latches. Inner foam can be customised. 330x230x90 mm.

**With in-built laser pointer!**

D 0508

**SAVE 15%**

**\$55**



## Rugged IP67 Waterproof Battery Bank

Must have for tradies, travellers and hikers. Water and dust proof battery bank to recharge your phone on the go! 5V 1A output, 5600mAh.



**NEW!**

**\$13.65**

T 4015

## Magnetic Mat Prevents Loose Screws!

This magnetic workmat keeps those tiny screws and washers in place when servicing. 25x20cm. Includes marker.



T 2185

**SAVE 25%**

**\$19**

## Mini Precision Screwdriver Set

Ideal for servicing comms & digital devices etc. Features a driver handle & 19 interchangeable, pozi, hex, torx and blade tips.



## Smartphone Repair Kit

Everything you need to disassemble and repair most smartphones and tablets. Great for DIY screen or battery replacement.

T 2164

**BARGAIN!**

**\$29.50**

T 2367

**SAVE 16%**

**\$39**

## Nifty Multi-Angle Bench Vice

Made from diecast alloy. Clamps to your work bench and provides total 360° freedom when working. Jaws open to 55 mm. Includes soft jaws for holding delicate connectors.



## 2-In-1 Multimeter & LAN Tester

Autorangeing multi-meter provides, current, voltage and resistance with max/data hold functions. LAN tester quickly tests lead integrity.

**Save space in the tool box!**



**SAVE 22%**

**\$70**

D 3020



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**Express Order Hotlines:**

Phone: 1300 797 007

Fax: 1300 789 777

www.altronics.com.au

**ALTRONICS**  
BUILD IT YOURSELF ELECTRONICS CENTRE



**SAVE 24%**

**'Roadies' Cable Tester**

Tests 13 types of leads for continuity. A real time saver!

**Tests:** 6.35mm, DIN (3/5/7/8 pin), RCA, XLR (3/5 pin), Speakon (4P/8P), RJ45, USB & banana.

**\$50** Q 2022

**SAVE \$50**

**\$109**

D 2811

### Turn a dumb telly into a smart telly!

Simply plugs into a spare HDMI input and provides a tablet style interface for accessing Netflix, Stan, catch up TV apps and more! Streams 1080p HD video over wireless. 1GB of RAM, 4GB internal memory & micro SD slot. Android 4.2.

**C 0993 10" 180W**

**SAVE \$60**

**\$239**

**C 0991 8" 100W**

**SAVE \$30**

**\$165**

**Instant sound system!**

### Address Large Crowds With Ease

An all in one portable PA unit with amp that sets up in just seconds - no expertise required. Just plug into 240V power, switch it on and connect a mic. USB playback makes it easy to play your favourite tunes. Great for clubs, sports events, fetes, carnivals and bingo nights!

# Top Deals in AV Gear!

## Introducing HiFiBerry - The Audiophile Add-On for Raspberry Pi

HiFiBerry adds high-quality sound to your Raspberry Pi. HiFiBerry sound cards are designed for optimal sound output quality. It is the ideal solution for all Raspberry Pi users that love music. HiFiBerry boards are compatible with Raspberry Pi A+, B+ and 2B. Z 6302A Raspberry Pi 2 \$75.95.



**\$88.95**

**NEW!**

Z 6400

### DAC+ RCA HiFiBerry Module

The HiFiBerry DAC+ is a high-resolution digital-to-analog converter. This is a special sound card for the Raspberry Pi optimized for the best possible audio playback quality.

**\$88.95**

**NEW!**

Z 6402

### Digi+ HiFiBerry Module

The Digi+ is a high-quality S/PDIF output board add on. It offers a dedicated S/PDIF interface chip supporting up to 192kHz/24bit resolution. Optical (Toslink) and coaxial output.

**\$146**

**NEW!**

Z 6404

### Amp+ HiFiBerry Module

A high-quality, highly efficient Class-D power amplifier offering 2x25W output. Ideal building block for multi-room audio designs. Just connect speakers and power up your Pi to start listening! Only a single 12-18V power supply required for both your Pi & the module (M 8936 \$21.50).

**SAVE \$30**

**\$119**

S 9423A

### 3.5" Colour Reversing Camera Kit

A must have for hassle free reversing with or without a trailer! Weatherproof 120° camera fits into the number plate recess. Includes a 5m lead. Make it wireless with S 8761 2.4GHz transceiver kit, \$49.95.

### Bluetooth Stereo Amplifier Wallplate

Wireless audio streaming from your smartphone, direct to the wall controller. 2x15W RMS stereo amplifier built in, great way to install speakers in the study or games room.

**NEW!**

**\$129**

**In-built FM tuner & USB/SD card music input**



**\$129**

**NEW!**

**HANDY!**

A 3216A

### Long Distance HDMI Sender

Send 1080p signal from your Blu-Ray or game console up to 50m over Cat5e/6 UTP. Includes transmitter, receiver & plugpacks. W 2765 100m Cat6 UTP to suit \$100.

### Stunning Home Hi-Fi In Ceiling/Wall Speakers

Add superb presence and clarity to your home sound system with these 8" (200mm) low profile speakers. Aluminium grilles are suitable for mounting in sheltered outdoor alfresco and entertaining areas. 100 Watts. Sold in pairs.

**SAVE \$80**

**\$219**

**SAVE \$80**

**\$249**

C 0883 Round C 0881 Rectangular



### 4 Way HDMI Signal Switcher

A handy HDMI switcher for connecting up to 4 HDMI sources to a 4k/2k or HD display. Features selectable audio EDID, and audio return channel for Toslink output.

**NEW!**

**\$136**

A 3081C

### HDMI Wallplate

Easy fly lead connection. Dual facia covers.

**SAVE 25%**

**\$22**

P 5970



### Jumbo 4 In 1 Remote Control

- Great for the kids!
- Pre-programmed with 1000's of codes, plus IR learning
- Actual size: 284 x 128mm.
- Requires 2xAAA batteries (S 4906 lithium \$4.95)

**SAVE 25%**

**\$22**

A 0977A



### Top Value Five Channel Audio Mixer

Compact & easy to use mixer. 5 channels accept up to 11 inputs. 3 band EQ, channel volumes, crossfader & VU meters. Great for schools!

**SAVE \$100**

**\$199**

A 2554

# Huge new range for makers!

## Electrocardiogram Arduino UNO Shield Kit

(SC Oct' 2015) An easy-to-build Arduino project which will let you take your own electrocardiogram (ECG) and display it on a laptop PC. The software lets you read, display, save and print the electrical waveform generated by your heart – or anyone else's. Requires Arduino UNO.



**\$59.95**

K 2523

**NEW KIT!**



K 9350

**NEW KIT!**

### Control access by the press of a finger.

(SC Nov' 2015) The Fingerprint Access Controller stores and recognises up to 20 prints and provides quick access for authorised people. An indoor control-panel allows easy setup of the system, while the fingerprint reader is mounted in the supplied wall-plate.

**\$129**



Z 6349

**NEW!**  
**\$24.95**

## ATMega328P Lilypad Board

Great for moving UNO based designs & code into e-textile projects. Can be used with Z 6368 LED sequins (\$4.95 5pk).



Z 6345

**NEW!**  
**\$14.95**

## Screen & Keyboard Shield

A 16x2 black character screen with green back-light. Push buttons are provided for up, down, left, right and select. Ideal for scrolling and selecting menu options.



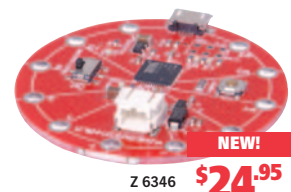
Z 6339

**NEW!**  
**\$21.95**

## DC-DC Boost Module

Allows a low input voltage to be increased to a higher output voltage. Display shows input & output voltages. Input 3-34V DC. Output 4-35V DC. 2A continuous current.

## Tinker, invent and design with over 70 new shields, sensors and development boards in stock!

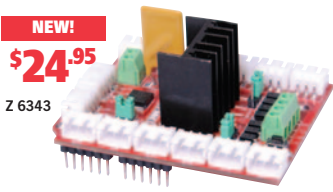


Z 6346

**NEW!**  
**\$24.95**

## ATMega32U4 Lilypad Board

The 'lilypad' form factor allows easy building of sewable electronics and e-textile projects. Can be used with Z 6368 LED sequins (\$4.95 5pk).

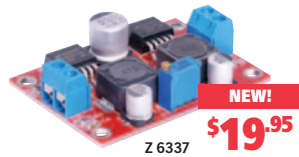


Z 6343

**NEW!**  
**\$24.95**

## L298 H-Bridge Motor Shield

Uses an L298 H-Bridge designed to drive relays, solenoids, DC and stepping motors. It can also drive two independent DC motors. Standard Arduino shield dimensions. 5V input.



Z 6337

**NEW!**  
**\$19.95**

## Buck/Boost Module

Utilises the LM2596S and LM2577 to accept a 3.5-28V input and output 1.25-26V at a max current of 1A. Ideal for projects where regulated power is required.

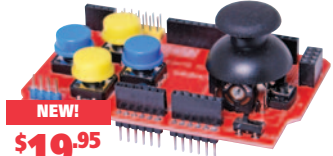


Z 6355

**NEW!**  
**\$7.95**  
**3.3 or 5V output!**

## Breadboard Power Supply

Makes the most of your breadboard space. Switch selectable voltage. USB 5V or 6-12V input via 2.1mm DC jack.



Z 6340

**NEW!**  
**\$19.95**

## Gamepad Joystick Shield

A joystick and button controller which plugs directly onto an Arduino UNO. Features a header for direct connection to Z 6348 Nokia screen. 3V3 or 5V DC input.

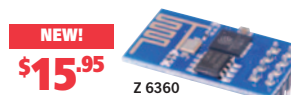


Z 6348

**NEW!**  
**\$14.95**

## Nokia 5110 LCD Screen

Re-create classic Nokia games or code your own with this backlit LCD. 3V3 or 5V DC. Plugs into gamepad shield on the left.

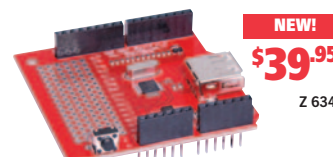


Z 6360

**NEW!**  
**\$15.95**

## ESP8266 WiFi Module

802.11b/g/n serial to WiFi Module. Provides any microcontroller access to your WiFi. Very easy way to add WiFi to your Arduino project. Integrated TCP/IP protocol stack. 3.3V input.



Z 6342

**NEW!**  
**\$39.95**

## USB Host Peripheral Shield

Allows you to connect USB peripherals & mass storage devices to your Arduino. Uses the MAX3421E chip. Fitted with stackable connectors.



Z 6364

**NEW!**  
**\$5.95**

## TTL to RS485 Breakout

A TTL to RS485 breakout module for connecting an Arduino or similar microcontroller to RS485 equipped devices. 5V input. 44L x 14Wmm.

## Resellers

### WESTERN AUSTRALIA

Esperance	Esperance Comms.	(08) 9071 3344
Geraldton	ML Communications	(08) 9965 7555
Kalgoorlie	Comm Systems	(08) 9091 9078

### VICTORIA

Bairnsdale	Bairnsdale Electronics	(03) 5152 3201
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Wodonga	Exact Computers	(02) 6056 5746

### TASMANIA

Hobart	Active Electronics	(03) 6231 0111
Launceston	Active Electronics	(03) 6334 7333

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Newstead	BJs Sound & Lighting	(07) 3854 1122
Toowoomba	Michael's Electronics	(07) 4632 9990
Townsville	SOLEX	(07) 4771 4211

### NEW SOUTH WALES

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Griffith	Griffith Systems Plus	(02) 6964 5933
Gunnedah	Protronics	(02) 6742 2110
Katoomba	Alliance Electrical	(02) 4784 3361
Lawson	Alliance Electrical	(02) 4759 3366
Nth Richmond	Candle Power Tech	(02) 4571 4699
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Port Macquarie	Fettel Comms.	(02) 6581 1341
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Tamworth	Bourke St. Electronics	(02) 6766 4664
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Wetherill Park	Techtron Electronics	(02) 9604 9710
Windang	Mad Electronics	(02) 4297 7373
Wollongong	Pro Sound & Lighting	(02) 4226 1177
Young	EWS Elec. W'sale Services	(02) 6382 6700

### SOUTH AUSTRALIA

Adelaide	Aztronics	(08) 8212 6212
Brighton	Force Electronics	(08) 8377 0512
Enfield	Aztronics	(08) 8349 6340
Findon	Force Electronics	(08) 8347 1188
Kadina	Idyll Hobbies	(08) 8821 2662
Mount Barker	Home of 12 Volt	(08) 8391 3121

### NEW ZEALAND

Christchurch Riccarton	Global PC	+64 3 3434475
Christchurch Shirley	Global PC	+64 3 3543333

## Sale Ends February 29th 2016

Altronics Phone 1300 797 007 Fax 1300 789 777

Mail Orders: C/- P.O. Box 8350 Perth Business Centre, W.A. 6849

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